

Appl. No. 10/028,900  
Reply to Office action of 10/04/2004

Attorney Docket No. WH-101

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (currently amended): A system for dynamically coordinating meetings, comprising:

a database storing meeting data including indications of meetings to be held, potential parties that may attend the meetings and relevant locations of the parties, and indications of the relevant location of certain parties including real-time current location and a probability distribution of the time required for the parties that may attend more than one meeting to travel between candidate meeting locations;

a scheduler coupled to the database which generates and updates proposed meeting schedules including meeting date, time, location and parties attending based on the meeting data stored in the database, said scheduler storing proposed meeting schedules in the database; and

a communications system coupled to the database for providing information regarding the meetings to be held and the proposed meeting schedules.

2. (original): The system of claim 1, further comprising a tracker coupled to the database which detects real-time, current locations of the certain parties and provides indications of the same to the database.

3. (original): The system of claim 2, wherein the communication system enables video display of information stored in the database including at least the real-time current location of the certain parties.

4. (original): The system of claim 3, wherein the communication system includes telecommunication means enabling audio communication of the information stored in the database to the certain parties.

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5. (original): The system of claim 2, wherein the tracker detects the location of at least one of the party's vehicle.
6. (original): The system of claim 5, wherein the tracker detects the location of the vehicle through GPS.
7. (original): The system of claim 5, wherein the tracker detects the location of the vehicle through dead reckoning.
8. (original): The system of claim 5, wherein the tracker detects the location of the vehicle through cellular positioning.
9. (original): The system of claim 2, wherein the tracker detects the location of at least one of the party's wireless phone.
10. (original): The system of claim 1, wherein the communication system includes a telecommunication means enabling audio communication of the information stored in the database to at least one of the parties.
11. (original): The system of claim 10, wherein the communication system enables an interactive voice response system programmed to provide meeting information when called by at least one of the parties.
12. (original): The system of claim 10, wherein the communication system enables an interactive voice response system programmed to call at least one of the parties.
13. (original): The system of claim 1, wherein the communication system includes a multimedia means for providing access to the information stored in the database to at least one of the parties.

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14. (original): The system of claim 13, wherein the communication system is programmed to provide meeting information over the Internet.

15. (original): The system of claim 13, wherein the communication system is programmed to provide meeting information over wireless devices.

16. (original): The system of claim 1, wherein the database stores constraints representing the sets of parties that must be present for each meeting to be held.

17. (original): The system of claim 16, wherein the constraints are expressed in Boolean logic.

18. (original): The system of claim 1, wherein the database stores an indication of at least one location at which one of the meetings may be held.

19. (original): The system of claim 1, wherein the database stores at least one time when one of the meeting may be held.

20. (canceled)

21. (original): The system of claim 1, wherein the database stores a probability distribution of the time required for the parties to travel between potential meeting locations and the locations the parties may be at before and after the meetings.

22. (original): The system of claim 1, wherein the database stores a probability distribution of the time required to hold each meeting.

23. (original): The system of claim 1, wherein the database stores preferences of each party for the feasible times at which meetings may be held.

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24. (original): The system of claim 1, wherein the database stores preferences of each party for the feasible meeting locations.

25. (original): The system of claim 1, wherein the database stores at least one proposed schedule of meeting times, locations, and parties.

26. (original): The system of claim 25, wherein the at least one proposed schedule generated by the scheduler is optimized based on the information contained in the database.

27. (original): The system of claim 1, wherein the scheduler functions as an interface between the database and trained dispatch personnel.

28. (original): The system of claim 1, wherein the scheduler includes a communication device to enable at least one of the parties to determine the order of the meetings.

29. (original): The system of claim 1, wherein the scheduler includes a communication device to enable at least one of the parties to determine the meeting schedule.

30. (new): A system for dynamically coordinating meetings, comprising:

a database storing meeting data including indications of meetings to be held, potential parties that may attend the meetings and relevant locations of the parties, indications of the relevant location of certain parties including real-time current location and a probability distribution of the time required for the parties to travel between potential meeting locations and the locations the parties may be at before and after the meetings;

a scheduler coupled to the database which generates and updates proposed meeting schedules including meeting date, time, location and parties attending based on the meeting data stored in the database, said scheduler storing proposed meeting schedules in the database; and

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a communications system coupled to the database for providing information regarding the meetings to be held and the proposed meeting schedules.

31. (new): A system for dynamically coordinating meetings, comprising:  
a database storing meeting data including indications of meetings to be held, potential parties that may attend the meetings and relevant locations of the parties, indications of the relevant location of certain parties including real-time current location and a probability distribution of the time required to hold each meeting;

a scheduler coupled to the database which generates and updates proposed meeting schedules including meeting date, time, location and parties attending based on the meeting data stored in the database, said scheduler storing proposed meeting schedules in the database; and

a communications system coupled to the database for providing information regarding the meetings to be held and the proposed meeting schedules.

32. (new): The system of claim 25, wherein the at least one proposed schedule generated by the scheduler is optimized based on the objective function of the form of equation 11.